

CLAIMS

1. A polyaphron dispersion comprising an external phase
5 and polyaphrons having an internal phase, the internal phase
comprising (i) a first phase which is liquid and (ii) a
second phase which is liquid or gaseous.
2. A polyaphron dispersion according to claim 1 wherein
10 the external phase is aqueous.
3. A polyaphron dispersion according to claim 1 or 2
wherein the internal phase comprises at least two liquid
phases.
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4. A polyaphron dispersion according to any one of claims
1 to 3 wherein the internal phase comprises an aqueous phase
and a non-aqueous phase.
- 20 5. A polyaphron dispersion according to claim 4 wherein
the internal phase comprises a single aqueous phase and a
single non-aqueous phase.
6. A polyaphron dispersion according to any one of claims
25 1 to 4 wherein the internal phase comprises an emulsion.
7. A polyaphron dispersion according to any one of claims
1 to 4 wherein the internal phase comprises polyaphrons.
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8. A polyaphron dispersion according to any one of the preceding claims wherein the internal phase additionally comprises a solid phase.

5 9. A polyaphron dispersion according to any one of the preceding claims wherein the internal phase comprises at least 60 wt% of an aqueous phase.

10 10. A polyaphron dispersion according to any one of the preceding claims wherein a component of the external phase is capable of reacting with a component of the internal phase upon the polyaphrons being disrupted or destroyed.

15 11. A process for preparing a polyaphron dispersion as defined in any one of the preceding claims which comprises:

- a. forming the internal phase; and
- b. forming a polyaphron dispersion comprising an external phase and the internal phase prepared in step a.